

Title (en)
SUBSTRATE TRANSPORT

Title (de)
SUBSTRATTRANSPORT

Title (fr)
TRANSPORT DE SUBSTRAT

Publication
EP 2948980 B1 20210825 (EN)

Application
EP 14702735 A 20140122

Priority
• US 201361755156 P 20130122
• US 2014012517 W 20140122

Abstract (en)
[origin: US2014202921A1] A substrate transport system includes a carrier having a housing forming an interior environment having an opening for holding at least one substrate and a door for sealing the opening from an outside atmosphere where when sealed the interior environment is configured to maintain an interior atmosphere therein, the housing including a fluid reservoir exterior to the interior environment and configured to contain a fluid, forming a different atmosphere in the fluid reservoir than the interior atmosphere, to form a fluidic barrier seal that seals the interior environment from an environment exterior to the carrier.

IPC 8 full level
H01L 21/673 (2006.01); **H01L 21/67** (2006.01); **H01L 21/677** (2006.01)

CPC (source: EP KR US)
H01L 21/67201 (2013.01 - EP KR US); **H01L 21/67376** (2013.01 - EP KR US); **H01L 21/67775** (2013.01 - EP KR US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 10395959 B2 20190827; US 2014202921 A1 20140724; CN 105431933 A 20160323; CN 105431933 B 20180612; CN 108630585 A 20181009; CN 108630585 B 20220621; EP 2948980 A2 20151202; EP 2948980 B1 20210825; JP 2016509754 A 20160331; JP 2019071465 A 20190509; JP 2020174219 A 20201022; JP 2023022259 A 20230214; JP 6510423 B2 20190508; JP 6740394 B2 20200812; JP 7263639 B2 20230425; KR 102313407 B1 20211015; KR 102548468 B1 20230627; KR 20150111971 A 20151006; KR 20210126156 A 20211019; KR 20230037672 A 20230316; TW 201438132 A 20141001; TW 201841296 A 20181116; TW 202042336 A 20201116; TW 202145426 A 20211201; TW 202308022 A 20230216; TW I627696 B 20180621; TW I684234 B 20200201; TW I738166 B 20210901; TW I765789 B 20220521; TW I814354 B 20230901; US 11121015 B2 20210914; US 11658051 B2 20230523; US 11978648 B2 20240507; US 2020161153 A1 20200521; US 2021407836 A1 20211230; US 2023377924 A1 20231123; WO 2014116681 A2 20140731; WO 2014116681 A3 20141023; WO 2014116681 A4 20141224

DOCDB simple family (application)
US 201414161039 A 20140122; CN 201480017533 A 20140122; CN 201810456586 A 20140122; EP 14702735 A 20140122; JP 2015555233 A 20140122; JP 2019002875 A 20190110; JP 2020125542 A 20200722; JP 2022193651 A 20221202; KR 20157022852 A 20140122; KR 20217032565 A 20140122; KR 20237007021 A 20140122; TW 103102263 A 20140122; TW 107111520 A 20140122; TW 108148704 A 20140122; TW 110127952 A 20140122; TW 111115247 A 20140122; US 2014012517 W 20140122; US 201916552881 A 20190827; US 202117475083 A 20210914; US 202318322072 A 20230523